

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
455 12TH STREET, S.W.
WASHINGTON, D.C. 20554

News media information 202/418-0500 Fax-On-Demand 202/418-2830

Released: March 6, 2014

Report No. 453 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 1/1/14 to 2/1/14:

- **ADC AUTOMOTIVE DISTANCE CONTROL SYSTEMS GMBH 0037-EX-PL-2014**
WH2XAE
New experimental to operate on 76 GHz for equipment testing
Mobile: East Coast USA
- **ADC AUTOMOTIVE DISTANCE CONTROL SYSTEMS GMBH 0042-EX-PL-2014**
WH2XAK
New experimental to operate on 24 GHz for equipment testing
Mobile: East Coast USA
- **ADC AUTOMOTIVE DISTANCE CONTROL SYSTEMS GMBH 0050-EX-PL-2014**
WH2XAL
New experimental to operate in 76 – 77 GHz for equipment testing Mobile: East and West Coasts
USA
- **AKELA INC. 0728-EX-PL-2013 WG2XYG**
New experimental to operate on 3 GHz for testing surveillance radar
Fixed: Santa Barbara (Santa Barbara), CA
- **BIT SYSTEMS 0764-EX-PL-2013 WG2XYO**
New experimental to operate in 14.0 - 14.5 GHz for testing satellite uplink service
Fixed: Sterling (Loudoun), VA
- **BOEING COMPANY, THE 0717-EX-PL-2013 WG2XYD**
New experimental to operate on 1227.60 and 1575.42 MHz for testing stand-alone GPS receivers
Fixed: Berkeley (St. Louis), MO

- **BOEING COMPANY, THE 0738-EX-PL-2013 WG2XZI**
 New experimental to operate on 2239.50 MHz for UAV flight testing
 Mobile: Dallas, TX
- **BOEING COMPANY, THE 0779-EX-PL-2013 WG2XZQ**
 New experimental to operate in 54 – 72, 76 – 87 and 173.20 - 173.40 for radio testing
 Mobile: On the Flight Line, St. Louis, MO
- **BOEING COMPANY, THE 0014-EX-PL-2014 WG2XZR**
 New experimental to operate in 9300 – 9500 MHz for testing radar.
 Mobile: Bldg. 38, Hungtinton Beach, CA
- **BOOZ ALLEN HAMILTON ENGINEERING SERVICES, LLC 0781-EX-PL-2013 WG2XZM**
 New experimental to operate in 2500 – 2570 and 2620 – 2690 MHz for testing for deployable LTE broadband communications networks
 Mobile: Nationwide, US
- **DETECT, INC 0277-EX-PL-2013 WG2XRH**
 New experimental to operate on 449 MHz for testing wind profiler radar and remote sensing technology.
 Mobile: Longmont, CO
- **DONALD J. KESSLER 0749-EX-PL-2013 WG2XZA**
 New experimental to operate in 9300-9500 MHz To use Furuno Radar for teaching purposes
 Fixed: Dayton (Montgomery), OH
- **EXELIS INC 0707-EX-PL-2013 WG2XZE**
 New experimental to operate in 1.80 - 2.85, 3.025 - 3.40, 3.50 - 4.60, 4.70 - 5.45, 5.68 - 6.525, 6.685 - 8.815, 8.965 - 9.60 MHz for radio testing
 Mobile: Fort Wayne, IN (Allen County)
- **GATR TECHNOLOGIES 0602-EX-PL-2013 WG2XXQ**
 New experimental to operate in 7.9-8.4 GHz to test inflatable antennas for the U.S. government
 Fixed: Huntsville (Madison), AL
- **GENERAL DYNAMICS C4 SYSTEMS 0100-EX-PL-2013 WG2XUO**
 New experimental to operate in 420-424.75 MHz, 445.75-450 MHz, 1370-1400 MHz and 1755-1850 MHz for continuing development of software-defined radios operating with the Wide Networking Waveform.
 Mobile: Scottsdale, AZ
- **I4C INNOVATIONS INC. 0719-EX-PL-2013 WG2XYE**
 New experimental to operate in 3.10 - 8.00 GHz to design and test a new UWB radar transceiver
 Fixed: Chantilly (Fairfax), VA; Ithaca (Thompkins), NY; Greenville (Greenville), SC; Syracuse (Onondaga), NY
- **IVY BIOMEDICAL 0735-EX-PL-2013 WG2XYL**
 New experimental to operate in 2.40 - 2.4835 GHz to test wireless patient monitoring devices
 Mobile: Branford, CT
- **LEIDOS, INC. 0690-EX-PL-2013 WG2XXP**
 New experimental to operate in 2202-2447 MHz to support communication systems
 Mobile: Pass Christian, MS

- **LOCKHEED MARTIN CORPORATION 0776-EX-PL-2013 WG2XZN**
 New experimental to operate on 2267 MHz to design long range missiles
 Fixed: Orlando (Orange), FL; Ocala (Marion), FL; Troy (Pike), AL; Camden, AR
- **NAVMAN WIRELESS 0559-EX-PL-2013 WG2XYS**
 New experimental to operate on 1575 MHz for testing radionavigation satellite service (RNSS)
 equipment and systems
 Fixed: Pleasanton (Alameda), CA
- **SPACE EXPLORATION TECHNOLOGIES 0722-EX-PL-2013 WG2XZU**
 New experimental to in 17.89-17.94 GHz and 19.45-19.5 GHz for a point-to-point microwave
 link for communications from a launch pad to a network switch.
 Fixed: Las Cruces, NM
- **TRIMBLE MINING SOLUTIONS 0768-EX-PL-2013 WG2XYZ**
 New experimental to operate in 9500 – 10000 MHz for testing the use of its terralite system to
 address GPS outages
 Mobile: Temporary fixed operations, Rosemount, MN
- **ULTRA ELECTRONICS ADVANCED TACTICAL SYSTEMS 0029-EX-PL-2014**
WG2XIN
 New experimental to operate on 9 GHz and in 15-17 GHz to demonstrate and test camera and radar
 systems
 Fixed: Nogales (Santa Cruz), AZ
- **UNIVERSITY OF KANSAS 0766-EX-PL-2013 WG2XZK**
 New experimental to operate in 1445 – 1460 MHz to develop a multichannel radar for Unmanned
 Vehicles System.
 Mobile Airborne fixed atop a Cessna Model 172 Aircraft, Lawrence (Douglas), KS